Bay Area Air Quality Management District

939 Ellis Street, San Francisco, CA 94109 (415) 749-5014

REPORT OF LABORATORY ANALYSIS FL-2

Technical Division Laboratory Services Section	To: G.Colwell Person Submitting Sample Tecnical Division-Source Test Section

Lab Method:	**G.C., B-400**	**Lab No:**	**02-143**
Sample Location:	IMTT Richmond, 100 Cutting Blvd., Richmond, CA 94804		
Sample Type:	Hydrocarbon vapors from barge product loading operations		
Source Operation #:	46 Wharf load / unloading facilities	**PLT #**	10649
Date Received:	5/23/2002	**Date of Report:**	5/30/2002
Analyst:	D. Patel	**Lab Reference:**	DP11/266

Analysis	Concentration
CH4	5.0 ppm
THC as C1	7336 ppm
CO*	<LOD
CO2**	<LOD

*** LOD for CO = 150 ppm**

**** LOD for CO2 = 300 ppm**

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REPORT OF LABORATORY ANALYSIS — FL-2

Technical Division Laboratory Services Section	To: E. Stevenson/G. Colwell Person Submitting Sample Enforcement Division

Lab Method:	**Method 44A**	**Lab No:**	**02-143**
Sample Location:	IMTT Richmond, 100 Cutting Blvd., Richmond 94804		
Sample Type:	Hydrocarbon vapors from barge product loading operation in Restek SilcoCan # ST-421		
Source Operation:	46 Wharf load/unloading facilities	**PLT #:**	10649
Date Received:	05/23/02	**Date Analyzed:**	05/28/02
Analyst: C. V. David		**Lab Ref:**	CVD20:58-59

RESULTS OF GAS CHROMATOGRAPHIC ANALYSIS FOR TRS and SO_2

COMPOUND	CONCENTRATION (ppb)
Hydrogen Sulfide (H_2S)	33
Methyl Mercaptan (MeSH)	<LOD
Ethyl Mercaptan (EtSH)	<LOD
Dimethylsulfide (DMS)	<LOD
Carbonyl Sulfide (COS)	<LOD
Carbon Disulfide (CS_2)	<LOD
Sulfur Dioxide (SO_2)	<LOD

LOD for SO2 and COS = 20 ppb

LOD for H2S, MeSH, EtSH, DMS and CS2= 15 ppb

Note: The sample was diluted with He prior to analysis (Dilution Factor = 1.201)

V. N. Recommended:

- ☐ **YES REG.____ RULE____ SEC.____**
- ☐ **NO**
- ☐ **FURTHER EVALUATION NEEDED**
- **X FOR INFORMATION ONLY**

Signed by James Hesson — 6/3/02

James Hesson — **Date**

Laboratory Services Manager